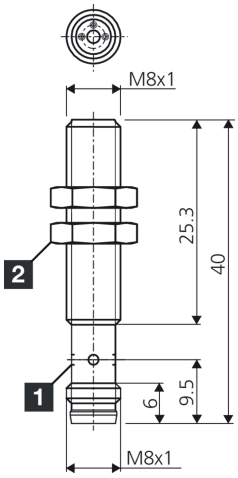
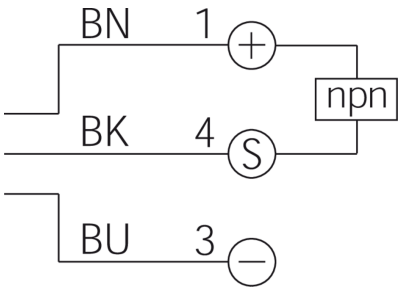
209318
DCBK 08 MB 02 NS-T3
Inductive proximity sensor

- Short design
- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- 4 LEDs for switching status display





1) LED 2) Width over flats 13 mm BK: black BN: brown BU: blue

Function

Technical data (typ.)	+20°C, 24 V DC
Electrical features	
Service voltage	10 … 30 V DC
Internal power consumption	< 10 mA
Insulation voltage endurance	500 V
Mechanical features	
Installation type	Flush
Thread	M8 x 1
Housing length	40 mm
Housing material	Brass (nickel-plated)
Material	PBT (Sensor probe)
Certifications, approvals	
Protection class	III, operation on protective low voltage
General features	
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	increased operating distance
Product series	INE Industrial

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Technical data (typ.)	+20°C, 24 V DC
Functional scope	
Scope of delivery	Sensor, 2 x M8 nuts
Output, input, interface	
Switching output	npn, 200 mA, NO
Voltage drop (max.)	1.8 V (200 mA)
Detection range, measuring range, tolerance limits	
Switching distance (SN)	2 mm
Standardized measuring plate	8 x 8 x 1 mm
Switching hysteresis (max.)	1 … 20 %
Display, operation	
LED Anzeige	Yes
Time behavior	
Switching frequency	5000 Hz
MTTFd	1304 Years
MTBF	652 Years
Ambient conditions	
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 67
Electrical connection	
Connection	Connector, M8, 3-pin, A-coded
Accessories	
Connection cable	TK …

More information / accessories	https://www.di-soric.com/209318

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